TOMISLAV PLAZONIĆ, curriculum vitae

PERSONAL INFORMATION
26 Aug 1991, male, Croatian
tomislav.plazonic@gmail.com, +385958597977
tomiplaz.dev, github.com/tomiplaz

SUMMARY
I am a full-stack web developer and software engineer. I have been doing full-stack web development since 2014 and have independently developed and deployed, or jointly worked on many web applications and their full life-cycles. Throughout my career I have consistently worked with international teams and clients in an agile environment. I have a systematic and pragmatic mindset, and strive to make my code clean, consistent, understandable and performant. To improve my skills and learn something new I regularly read, try out new technologies or work on my personal projects. My interests also include machine learning and AI, distributed ledger technologies, science and science fiction.

WORK EXPERIENCE

Web developer (freelance, remote)   May 2021 – present
Restorepoint (restorepoint.com)
Migrating a UI to React TypeScript. Developing a REST API in Go.

Web developer (freelance, remote)   Apr 2021 – Apr 2022
CrowdVision (crowdvision.com)
Developed a UI with graphs and tables in Angular. Generalized product's configuration.

Web developer (freelance, remote)   Apr 2020 – Apr 2021
Stridist (stridist.com)
Developed a web app with TypeScript, React, Node, GraphQL, Relay, MaterialUI, Slate, GitHub Actions, Google Cloud.

Software engineer   Mar 2019 – Feb 2020
Bluetel Solutions Ltd, Birmingham, UK (bluetel.co.uk)
Developed a news website using NextJS, GraphQL, CircleCI, Heroku, Platform.sh, Fastly, eZ, Solr, AWS (CloudFormation, DynamoDB).

Part-time web developer (freelance, remote)   Jan – Feb 2019
Verse (verse.press)
Implemented a new design into React (TypeScript) components and NodeJS views. Added new GraphQL queries and resolvers (Graphene, Django).

Lead web developer (freelance, mostly remote)   May 2017 – Aug 2018
Agrichain Pty Ltd, Australia (agrichain.com) (formely BlockGrain)
Designed and developed an SPA in ReactJS and a REST API in Django with a test-driven approach. Initially designed and developed an SPA in AngularJS and a REST API in Laravel.

Lead web developer   May 2016 – Mar 2017
Beyondi d.o.o., Osijek, Croatia (beyondi.co)
Designed, developed and maintained various business applications with SPAs developed in AngularJS and REST APIs in Lumen-based framework.

Web developer intern (outsourced)   Jul 2015 – Jan 2016
Aquicore, Inc., Washington, D.C., USA (aquicore.com)
Wrote end-to-end and unit tests for a single-page application developed in AngularJS to increase product's test coverage. Fixed front-end issues.

Web developer trainee   Aug – Oct 2014
Paul Scherrer Institute, Villigen, Switzerland
Developed an internal web analysis tool in AngularJS and D3.js and documented it in a wiki.

Software developer trainee   Sept – Oct 2013
Technical University of Košice, Košice, Slovakia
Wrote Python scripts for products' data aggregation (web scraping), CSV file handling and automated website access and file upload. Customized an e-commerce website.

EDUCATION

Master of Engineering, Computer Engineering, branch: Process Computing (GPA: 4.632 out of 5)   2013 – 2016
Josip Juraj Strossmayer University of Osijek, Faculty of Electrical Engineering, Osijek, Croatia

Bachelor of Engineering, Computer Engineering (GPA: 4.688 out of 5)   2010 – 2013
Josip Juraj Strossmayer University of Osijek, Faculty of Electrical Engineering, Osijek, Croatia

CERTIFICATES

- AWS Certified Cloud Practitioner
- Deep Learning Specialization by deeplearning.ai on Coursera
- Data-driven Astronomy by The University of Sydney on Coursera

TECHNICAL SKILLS

I have most experience with:
- using latest standard web technologies (HTML, CSS, JavaScript, TypeScript)
- developing single-page applications in ReactJS, Angular, AngularJS
- developing server-side rendered applications in NextJS
- developing REST and GraphQL APIs in JS/TS, Go, PHP (Laravel, Lumen), Python (Django)
- designing, implementing and managing relational databases (PostgreSQL, MySQL, SQLite)
- test-driven development (Jest, Chai, Jasmine, Karma, Protractor)
- implementing authorization and access control (JWT, Oauth, basic auth, Firebase)
- cloud services (Heroku, Platform.sh, AWS [EC2, DynamoDB, CloudFormation], Google Cloud, Digital Ocean)
- continuous integration and deployment (GitHub Actions, GitLab CI/CD, CircleCI, Travis, Jenkins)
- containerization (Docker, docker-compose)
- using object-oriented and functional programming paradigms
- implementing mobile-first responsive web design
- using Git (in GitFlow and trunk-based development workflows)
- using RxJS, Lodash, Redux, NgRx, Relay, jQuery, AJAX, Bootstrap, Sass, Less, BEM, Gulp, Redis
- using Debian-based OS (Debian, Ubuntu) and macOS
- using command-line interface for various purposes

I have some experience with:
- Webpack, Graphene, Fastly (VCL), eZ CMS, Solr, Gherkin, Cucumber
- Android application development (Java, XML)
- Apache web server

I have dabbled with:
- shell scripting, Haskell, Clojure, nginx, D3.js, TensorFlow, HyperLedger Fabric, geth, CouchDB, C, C++, C#

PERSONAL PROJECTS

tomiplaz.dev
- repo: *github.com/tomiplaz/profile*

LCC web shop
- React TypeScript app repo: *github.com/tomiplaz/lcc*
- Express API repo: *github.com/tomiplaz/lcc-api*

blogs
- app URL: *blogs.tomiplaz.dev*
- Angular app repo: *github.com/tomiplaz/ngblog*
- Lumen API repo: *github.com/tomiplaz/blog-api*

my-coins
- repo: *github.com/tomiplaz/my-coins*

Yamb
- app URL: *yamb.tomiplaz.dev*
- repo: *github.com/tomiplaz/yamb-v2*

LANGUAGES
English – C1, Croatian – C2.